ET

EMULATION TECHNOLOGY, IN

PROGRAMMING ADAPTER SPECIFICATION
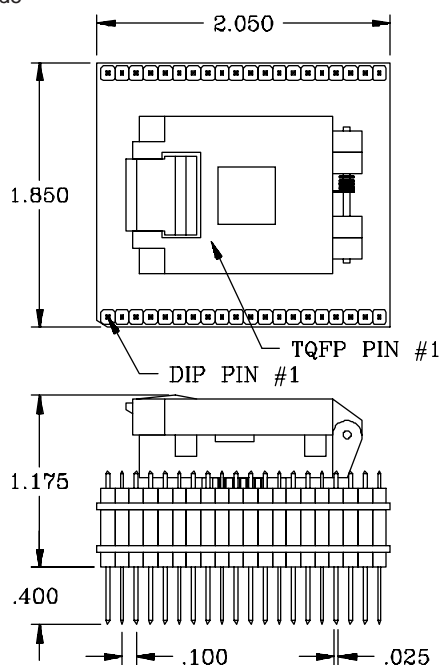
Item:	**444005Q600**
Description:	**AS-044-40-05Q-600**

REPLACEMENT SOCKET: S-QFP-00-044-A

Call Emulation Technology for a replacement socket price and delivery quote.
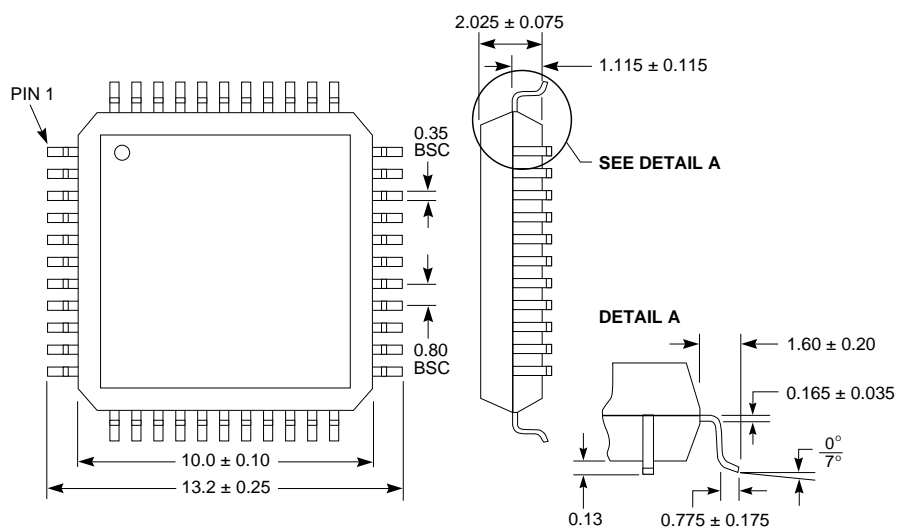
TYPICAL DIMENSIONS:

Note: DIP base is .600" wide

2.050

1.850

1.175

.400

.100   .025

TQFP PIN #1

DIP PIN #1

All Dimensions in Inches.

(Assembly Drawing: F3843)

PACKAGE SPECIFICATIONS:

PIN 1

0.35 BSC

0.80 BSC

10.0 ± 0.10

13.2 ± 0.25

2.025 ± 0.075

1.115 ± 0.115

SEE DETAIL A

DETAIL A

1.60 ± 0.20

0.165 ± 0.035

0.13   0.775 ± 0.175

$\frac{0°}{7°}$

All Dimensions in Millimeters.

ET Code: 044-QF16

CONNECTION TABLE:

44-Lead TQFP SOCKET	PIN Config. in EDT Mode PGM/VFY*	40-Pin DIP Base
1	BE	8
2	BEM	9
3	Reserved	10
4	V_{SS}	24
5	Reserved	11
6	Reserved	12
7	SS	13
8	Reserved	14
9	V_{CC}	40
10	SBI	15
11	Reserved	16
12	TM	17
13	SDOUTA	18
14	Reserved	19
15	SCOA	20
16	V_{SS}	24
17	V_{CC}	40
18	SCOB	21
19	-	22
20	SDOUTB	23
21	-	25
22	-	26
23	-	27
24	V_{SS}	24
25	-	28
26	A6	29
27	A5	30
28	A4	31
29	V_{CC}	40
30	A3	32
31	A2	33
32	A1	34
33	A0	35
34	MT	36
35	SDINB	37
36	V_{SS}	24
37	SK	38
38	EDT/V_{PP}	39
39	NTPW	3
40	MTIN	4
41	V_{CC}	40
42	SCK	5
43	SDINA	6
44	Reserved	7

Note: * All unused pins are not connected.
V_{CC} = DIP 40
V_{SS} = DIP 24

Compatible TQFP device:	**Manufacturer:**
EPM7032	Altera

Programmers:
Data IO: ChipLab
Emulation Technology, Inc.: ET-PIC 4000

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Page 1 of 1
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